

ABSTRACT OF THE DISCLOSURE

There is provided precise paper feeding. A control unit for controlling a motor for use in a printer includes a position counter to count output pulses of an encoder that rotates to follow rotation of the motor and detect a position of a printing medium transferred by the motor; a target control amount modifying and calculating part to calculate a modified target value of a feed-amount of the printing medium based on a target value of a feed-amount of the printing medium and a previous stop position of the printing medium detected by the position counter, and set a counted value of the position counter to the modified target value; and a position control part to control the motor so that the counted value of the position counter falls into a predetermined range including zero.

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